

# CITY OF ROCKFORD

## AMENDMENTS

# 1993 ILLINOIS STATE PLUMBING CODE

STATE OF ILLINOIS       )  
                                  ) SS  
COUNTY OF WINNEBAGO )

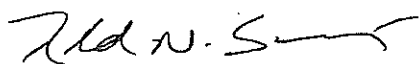
## CERTIFICATE OF PUBLICATION IN PAMPHLET FORM

I, the undersigned, do hereby certify that I am the duly qualified and acting Legal Director and ex officio Keeper of the Records and Seal of the City of Rockford, Winnebago County, Illinois (the "City"), and as such official I am the keeper of the official journal of proceedings, books, records, minutes and files of the City and of the City Council (the "City Council") thereof.

I do further certify that on the 21st day of January, 1998, there was published in pamphlet form, by authority of the City Council, a true, correct and complete copy of Ordinance No. **1998-12-0** and said ordinance as so published was on said date readily available for public inspection and distribution, in sufficient number, at my office as Legal Director and ex officio Keeper of the Records and Seal located in the City.

IN WITNESS WHEREOF I have affixed hereto my official signature and the seal of the City, this 21st day of January, 1998.

[SEAL]

  
\_\_\_\_\_  
LEGAL DIRECTOR AND EX OFFICIO  
KEEPER OF THE RECORDS AND SEAL

ORDINANCE NO. 1998-12-0

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROCKFORD WINNEBAGO COUNTY, ILLINOIS THAT:

Chapter 6, Article XII, Buildings, of the Code of Ordinances of the City of Rockford, Illinois be amended as follows:

**Section 6-81**

The 1993 Illinois Plumbing Code as established and adopted by the Illinois Department of Public Health, is here by referred to, adopted and made a part hereof, as if fully set out in this article, with the additions, insertions, deletions and amendments prescribed in Section 6-82 of this article.

**Section 6-82 Amendments, Additions and Deletions.**

The Illinois State Plumbing Code of 1993 is hereby amended as follows:

(1) Section 890.110 is amended by adding items 3) and 4) as follows:

**Section 890.110 General Regulations**

b) Applicability

- 3.) **Existing buildings shall comply with 1996 BOCA Property Maintenance Code as amended.**
- 4) **All new family dwellings shall have provisions made for soft water hookup, with three valves for bypass, except for outside lawn hydrants and cold water in kitchen sink with proper bypass. Connections and provisions shall be made of properly sized and vented trap within five feet (5') distance of water softener. Bypass connection for future use shall be capped. Exceptions must be requested in writing to the Code Administrator and will be granted only after inspection has been conducted.**

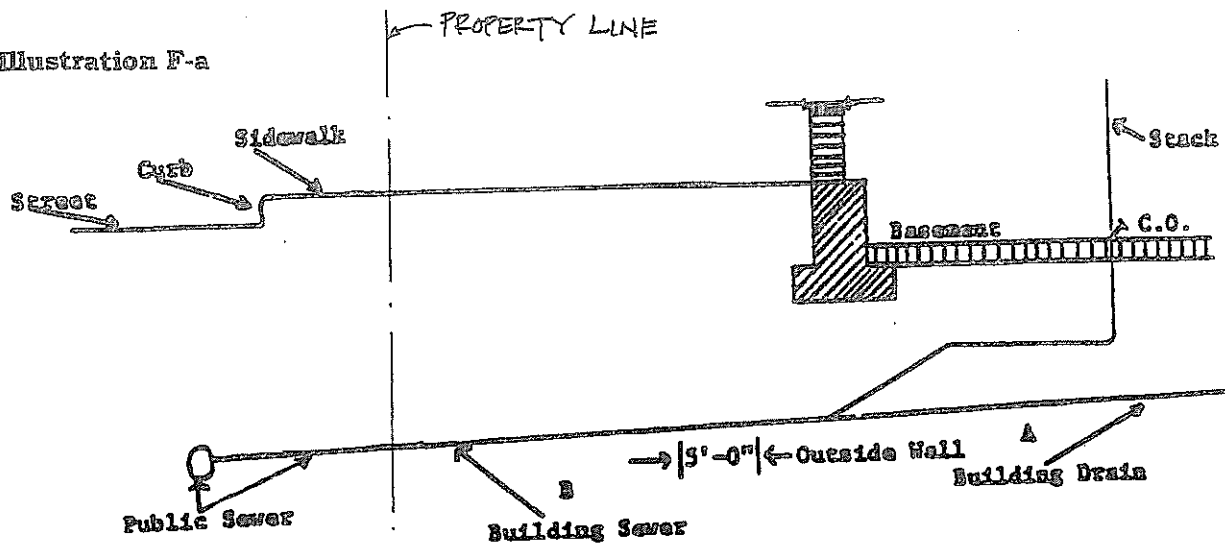
(2) Section 890.120 is amended as follows:

**Section 890.120 Definitions**

**"BUILDING DRAIN":** The building (house) drain is that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building (house) sewer. The building drain terminates five (5) feet outside the building foundation wall.. **(See Illustration F-a)**

**"BUILDING SEWER":** The building (house) sewer is that part of the horizontal piping of a drainage system which extends from the end of the building drain, receives the discharge of the building drain and conveys it to a public sanitary sewer, private sewage disposal system or an individual sewage disposal system or other point of disposal. The building sewer commences where building drain terminates and extends to property line. Building sewer shall be installed by a licensed and bonded plumber. Code official of the jurisdiction shall conduct inspection of the sewer system up to property line: **(See Illustration F-a)**

Illustration F-a



"Quick Closing Valves": A valve or faucet that closes automatically when released or one that has fast action closing, or one that closes with (1/2) one half turn or less.

(3) Section 890.170 is amended by adding e) as follows:

**Section 890.170 Sewer and/or Water Required**

- e) **Building Sewer systems shall be installed by a licensed & bonded plumber only. No home owner shall be allowed to install sewer service, or system.**

(4) Section 890.180 is amended by adding a) 1) and 2) as follows:

**Section 890.180 Sewer and Water Pipe Installations**

a)

- 1) **Sewer trenching and/or tunneling not to exceed ten feet (10') total distance.**
- 2) **Ditches shall be left accessible for inspection of sewer pipes.**

(5) Section 890.420 is amended by adding 1.1) as follows:

**Section 890.420 Pipe Cleanouts**

a) Location of Cleanouts Within a Building Drain

1.1) Location of cleanout within building sewer, and building drain. Cleanouts shall be not more than 50 feet apart, including the developed length of the cleanout pipe, in horizontal drainage lines of four (4) inches or less size. Cleanouts shall be not more than 100 feet apart, including the developed length of the cleanout pipe, in horizontal drainage lines of over four (4) inches to ten (10) inches in size. Cleanouts shall not be more than 150 feet apart, including the developed length of the cleanout pipe, in horizontal drainage lines exceeding ten (10) inches in size. For underground drainage lines exceeding ten (10) inches in size, manholes instead of cleanouts shall be provided and shall be located at intervals of not more than 150 feet.

(6) Section 890.510 is amended by adding a) 7) as follows:

## **Section 890.510 Grease Interceptor Requirements**

a)

- 7) All new or altered installations serving institutions or commercial establishments in which grease, fats, culinary oil, or similar waste products from kitchens or food processing areas, or in which grease, fats, or culinary oils are wasted in connection with utensil, vat, dish, or floor cleaning processes shall install grease interceptors. All waste lines and drains carrying culinary oil, grease, or fats in the above type establishments shall be directed to one or more interceptors before connecting to the plumbing system. If interceptors are located outside the building, they shall be accessible for maintenance purposes within ten (10) feet of the building.

(7) Section 890.520 is amended by adding item d) 1) as follows:

### **Section 890.520 Gasoline, Oil, and Flammable Liquids**

d)

- 1) Properly sized Rockford Garage Drain or equal will be accepted.

(8) Section 890.690) is amended by adding item a) 1) as follows:

### **Section 890.690 Shower Receptors and Compartments**

a)

- 1) Shower compartments; except those constructed of precast stone, terrazzo, concrete, molded stone, or molded fiberglass, shall have a lead or copper shower pan or the equivalent thereof. All sides of the shower pan shall have a turn-up of at least two (2) inches above the threshold. Precast molded receptors shall have a minimum of one-quarter (1/4) of an inch thick flange. Traps shall be so constructed that the pan may be securely fastened to the trap at the seepage entrance, making a watertight joint between the pan and the trap. Shower receptacle waste outlets shall not be less than two (2) inches in diameter and have a removable strainer. All lead safes (safety pan) shall be protected by bitumastic paint.

(9) Section 890.920 f) is amended as follows:

### **Section 890.920 Vertical Piping**

- f) Plastic Pipe. Hangers and straps shall not compress, distort, cut or abrade the piping and shall allow free movement of the pipe. Wire pipe hooks shall not be used to support plastic pipe. Restraining joints and expansion joints shall be installed as required. All vertical piping shall be maintained in straight alignment with supports at each floor level or at intervals of ten (10) feet, whichever is less. Expansion fittings shall be installed on all plastic (Drain Waste and Vents) DWV stacks at every other floor in buildings of four (4) floors or more. Trap arms in excess of three (3) feet shall be supported as close as possible to the trap.

(10) Section 890.1010 is amended by adding item d) 1) as follows:

### **Section 890.1010 Indirect Waste Piping**

d)

- 1) **Decorative Pools and Fountains:** Overflow and / or waste piping to sanitary sewer shall be discharged through a properly vented trap. Supply water shall be fed through an air gap or by indirect means.

(11) Section 890.1130 is amended by adding f) 7) as following:

**Section 890.1130 Protection of Potable Water**

- f)
  - 7) **All outside faucets shall be anti-siphon, frost- proof and be self-draining type.**

(12) Section 890.1150) is amended by adding a) 4) as follows:

**Section 890.1150 Water Service Pipe Installation**

- a)
  4. **Combination services (Fire and Domestic) shall split outside the building with an individual stop on the domestic service located a minimum of (5') five feet from the building or as approved by the City of Rockford Water Division.**

(13) Section 890.1200 is amended by adding a) 1) as follows:

**Section 890.1200 Water Service Sizing**

- a)
  - 1) **In locations where the water service pipe from the water main to the property line is existing. If the building is existing and has a three quarter (3/4) inch nominal diameter it is permitted to remain and the water service to the building may be three quarter (3/4) inch nominal diameter also.**
  - 1.1) **Water Service: Water service connection from the cutoff box (buffalo box) to the valve after the meter shall be installed by a State of Illinois Licensed and Bonded Plumbing Contractor only. Home owners shall not be allowed to, install water service.**
  - 1.2) **Meter stops are required on the street side and the house side of water meter.**

(14) Section 890.1210 f) 1) is amended as follows:

**Section 890.1210 Design of a Building Distribution System**

- f)
  - 1) **Air Chambers - Where an air chamber is installed in a fixture supply, it shall be at least **eighteen (18)** inches in length but at least the same size as the fixture **increased one size over required diameter than air chamber length can be** inches in length and at least the same size as the riser.**

(15) Section 890.1360 is amended by adding 1.1 as following

**Section 890.1360 Sanitary Waste Below Sewer**

- a)
  - 1.1) **Sanitary waste which cannot be discharged by gravity flow shall be discharged into a gas-tight covered and vented sump from which the waste be lifted and discharged into a sanitary waste drain by appropriate automatic pumping equipment. Sump shall have a minimum 8 (eight) hole bolt cover.**

(16) Section 890.1420 is amended by adding f) as follows:

**Section 890.1420 Stack Vents, Vent Stacks, Main Vents**

- f) **Minimum Size of Stack Vent.** Any structure in which a building drain is installed shall have each stack vent or vent stack carried full size to the roof and shall increase to a minimum of four (4) inches, 12 inches below the roof line and 12 inches above the roof line.

(17) Section 890.1940 is replaced as follows:

**Section 890.1940 General Administration:**

- a) **Appendix A.** The code official of the jurisdiction shall enforce all of the provisions of this code and shall act on any questions relative to the installation, alterations, repair, maintenance or operation of all plumbing systems, devices and equipment except as otherwise specifically provided for by statutory requirements or as provided for in appendix a.1.
- b) **Rule-making authority:** The code official shall have power as necessary in the interest of public health, safety and general welfare, to adopt and promulgate rules and regulations to interpret and implement the provisions of this code to secure the intent thereof and to designate requirements applicable because of local climatic or other conditions. Such rules shall not have the effect of waiving structural or fire performance requirements specifically provided for in this code, or of violating accepted engineering practice involving public safety.

(18) Section 890.1950 is amended by adding a) 3) as follows:

**Section 890.1950 Violations**

- a)
- 3) **Violation - penalties:** Any person who shall violate a provision of this code or who shall fail to comply with any of the requirements thereof, who shall erect, construct, alter, or repair in plumbing equipment or systems in violation of an approved plan or directive of the building official, or a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable by a fine of no more than five hundred dollars (\$500.00). Each day that a violation continues shall be deemed a separate offense.

(19) Section 890.1960 is added as follows:

**Section 890.1960 Regulations for Permits, Inspections, Test, Maintenance, and Administration for use by Local Governmental Units Conducting a Plumbing Inspection Program**

**WORKMANSHIP:** All work shall be conducted, installed and completed in workmanlike and acceptable manner so as to secure the results intended by this code and the standards referenced herein.

**REVOCATION:** The Code Administrator may revoke a permit or approval issued under the provisions of this code in case of any false statement or misrepresentation of fact in the application or on the plans on which the permit or approval was based.

**SUSPENSION OF PERMIT:** Any permit issued shall become invalid if the authorized work is not commenced within six months after issuance of the permit, or if the authorized work is suspended or abandoned for a period of six months after the time of commencing the work.

**TIME LIMIT:** An application for a permit for any proposed work shall be deemed to have been abandoned six months after the date of filing, unless such application has been diligently prosecuted or a permit shall have been issued. For reasonable cause, the Code Administrator may grant one or more extensions of time for additional periods not exceeding 90 days each.

**PERMIT FOR PLUMBING WORK REQUIRED.**

- (a) **PLUMBER'S BOND.** Before any permit shall be granted to any person, persons, firm, or corporation to perform any job of plumbing in the City of Rockford with one or more sureties, in the penal sum of twenty-five thousand dollars (\$25,000.00) conditioned, that he, they, or it will indemnify and save the City of Rockford from all accidents or damages caused by any negligence in either the performance, execution, or pretended execution of any work by him, it, or them for any unfaithful or inadequate work done under or by virtue of any permit issued by the said person, persons, firm, or corporation is engaged in.
- (b) **REVOCATION OF PLUMBER'S BOND.** The bond of any plumber shall become void when he shall refuse or neglect within a responsible time after notification thereof to make such necessary corrections to plumbing or drainage work as shall have been ordered by the Mechanical Inspector and Board of Appeals, or if he shall permit the use of his name by a person or persons for the purpose of obtaining a permit to do plumbing or drainage work.
- (c) **MEANS OF APPEAL.** The owner of a building or structure, or any other person may appeal to the Board of Appeals a decision of the Code Administrator refusing to grant a modification of the provisions of this code. Application for appeal may be made when it is claimed that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted; that the provisions of this code do not fully apply or that an equally good or better form of construction can be used. The Board of Appeals shall be the Mechanical Board, as set forth in Section 6-70 and 6-71 of the City of Rockford Code of Ordinances (and in the amendments thereto) and the appeal process and its rules and procedures shall be as set forth more fully therein and is amended as follows:
- (d) **PERMIT FEES:** All permit fees for all plumbing work shall be as set forth in Section 6-15 of the City of Rockford Code of Ordinances.
- (e) **STOP WORK ORDER - NOTICE:** Upon notice from the Code Administrator that work on any building or structure is being prosecuted contrary to the provisions of this code or in an unsafe and dangerous manner, such work shall be immediately stopped. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. It shall state the conditions under which work may be resumed.



- (f) **NOTICE OF APPROVAL:** After the prescribed tests and final inspection indicate the work complies in all respects with this code, a notice of approval shall be issued by the Code Administrator.
- (g) **UNSAFE CONDITIONS - GENERAL:** All plumbing installations, regardless of type, which are unsanitary or which constitute a hazard to human life, health, or welfare are hereby declared illegal and shall be abated by repair and rehabilitation or removal.
- (h ) **EMERGENCY MEASURES - VACATING STRUCTURES:** When, in the opinion of the Code Administrator, there is actual and immediate danger of contamination or sanitation hazard which would endanger life, the Code Administrator hereby is authorized and empowered to order and require the occupants to vacate a structure forthwith. The Code Administrator shall cause to be posted at each entrance to such structure a notice reading as follows: This Structure is Unsafe and It's use or occupancy has been prohibited by the Code Administrator. It shall be unlawful for any person to enter such structure except for the purpose of making the required repairs or removal.

(20) State of Illinois department of Public Health Plumbing license law, 1990, as amended in 1993 is hereby referred to, adopted and made a part of Appendix A.

The provisions and sections of the Ordinance shall be deemed severable, and the invalidity of any portion of this Ordinance shall not affect the validity of the remainder.

All orders, resolutions, or ordinances in conflict herewith are hereby repealed insofar as such conflict exists, and this Ordinance shall take effect immediately upon its passage, approval and publication as required by law.

A full, true and complete copy of this Ordinance shall be published within ten (10) days after passage in pamphlet form by and under authority of the Corporate Authorities.

APPROVED:

Charles E. Bays  
MAYOR

ATTESTED:

W. N. Smith  
LEGAL DIRECTOR

PASSED: 1/20/98

APPROVED: 1/21/98

PUBLISHED: 1/21/98

ATTESTED and FILED in my office this 21st day of January, 19 98, and published in pamphlet form this 21st day of January, 19 98.

W. N. Smith  
Legal Director and ex officio  
Keeper of the Records and Seal

Published in pamphlet form this 21st day of January, 19 98, by order of the City Council of the City of Rockford, Illinois.